

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	dataflow adj graph same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/11 09:35
L2	748	deadlock near2 detect \$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/11 09:36
L3	3	dataflow adj graphs same deadlock	USPAT	OR	ON	2010/02/11 09:36
S3	18	dataflow adj graph same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 13:23
S6	1	channel near3 blockage same deadlock same (dataflow)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 13:31
S9	747	deadlock near2 detect \$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 13:31
S10	3	deadlock near2 detect \$3 with dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 13:32
S17	22	deadlock same wait adj graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S19	6	("4881166"   "5193188"   "5269020"   "5280619"   "5414839"   "5459871").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 15:37
S20	0	dead adj lock same thread same (wait near2 graph)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 15:37
S21	0	dead adj lock same thread and (wait near2 graph)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 15:37

S22	1008	dead adj lock samed (wait near2 graph)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 15:37
S23	1	dead adj lock same (wait near2 graph)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 15:37
S24	14	(build\$3 establish\$3 creat\$3 form\$3) with (wait near2 graph) same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S25	5	(build\$3 establish\$3 creat\$3 form\$3) with (wait near2 graph) same deadlock and thread	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S26	1	(build\$3 establish\$3 creat\$3 form\$3) with (wait near2 graph) same deadlock and dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S27	15	(build\$3 establish\$3 creat\$3 form\$3) with (wait near2 graph) and deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S28	5	(build\$3 establish\$3 creat\$3 form\$3) with (wait near2 graph) and deadlock and thread	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S29	14	(build\$3 establish\$3 creat\$3 form\$3) with (wait near2 graph) and deadlock and process	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S30	18	multi\$1thread\$3 with deadlock with detect\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S31	3	multi\$1thread\$3 with deadlock with detect\$3 same graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S32	10	deadlock with detect\$3 same dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S33	2	("6330008" "5499349"). pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37

S34	0	"599729".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S35	1	"5999729".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S36	1	"6088716".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S37	1	"6311265".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S38	11	deadlock with detect\$3 same data\$1 flow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S39	10	deadlock with detect\$3 same data adj flow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S40	74	deadlock with detect\$3 with graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S41	13	deadlock with detect\$3 with graph and multi \$1thread\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S42	1	"7124405".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S43	36	deadlock near2 detect \$3 same ports	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S44	67	deadlock near2 detect \$3 with graphs	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S45	176	dataflow with ports	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37

S46	3	S44 and S45	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S47	79	deadlock near2 detect \$3 same graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S48	4	S45 and S47	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S49	0	dataflow near2 control same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S50	0	dataflow near2 control \$3 same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S51	46	deadlock near2 detect \$3 and dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S52	16	deadlock near2 detect \$3 and dataflow and graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S53	7083727	"13" not S48	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S54	7083727	"13" not S48	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S55	12	S52 not S48	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S56	0	deadlock same SMT	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S57	123	deadlock same token	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37

S58	40	deadlock same token and graphs	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S59	18	deadlock same token and graphs and threads	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S60	167	deadlock and token and graphs and threads	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S61	149	S60 not S59	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S62	20	S60 not S59 and "718". clas.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S63	33	S60 not S59 and "709". clas.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S64	28	S63 not S62	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S65	1	S63 not S62 and dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S66	99	ports with (lock\$3 block \$3) same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S67	11	ports with (lock\$3 block \$3) same deadlock and graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S68	6	ports with (lock\$3 block \$3) same deadlock and graph and token	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S69	4	ports with (lock\$3 block \$3) with token same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37

S70	10	ports with (lock\$3 block \$3) with token and deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S71	6	S70 not S69	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S73	793	ports with parallel same token	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S74	2732	ports with token	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S75	110	ports with token and deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S76	100	ports with token and deadlock and parallel	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S77	18	ports with token and deadlock and parallel and graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S78	3	ports with block\$3 with queue same dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S79	3137	(ports channel) with queue same flow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:37
S80	49	(ports channel) with queue same dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S83	166	(process application program thread task) near3 communicat\$3 with (ports channel) with queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S84	1955	(ports channel) with queue with (block\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

S85	50	S83 and S84	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S86	13	S83 and S84 and S81	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S88	1	S83 and S84 and "719". clas.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S89	506	(ports channel) with (send\$3 receiv\$3 input output) with queue same threshold	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S90	48	(ports channel) with (send\$3 receiv\$3 input output) with queue same threshold and S81	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S91	872	input adj port with output adj port with queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S92	3	input adj port with output adj port with queue same dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S93	43	input adj port with output adj port with queue same (dataflow (data adj flow))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S94	11	input adj port with output adj port with queue same (dataflow (data adj flow)) and threshold	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S95	0	send\$3 adj port with receiv\$3 adj port with queue same (dataflow (data adj flow)) and threshold	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S96	0	send\$3 adj channel with receiv\$3 adj channel with queue same (dataflow (data adj flow)) and threshold	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

S97	27	dataflow with ports same queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S98	25	S97 not S94	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S99	25	S97 not S94 not S86	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S100	22	S97 not S94 not S86 not S93	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S101	125	port near2 block with queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S102	11	port near2 block with queue same data adj1 flow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S103	0	ports near2 implement \$5 with deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S104	6	ports near2 implement \$5 same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S105	1	ports near2 congestion same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S106	0	ports adj2 congestion same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S107	40	ports adj2 congestion and deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S108	38	flow near2 congestion same ports with queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

S109	108	"6330008" "5499349"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S111	217	deadlock with ports	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S112	9	deadlock with ports.ab.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S113	4	deadlock with ports same dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S114	10	deadlock with ports and dataflow	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S115	6	S114 not S113	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S116	20	deadlock with ports and queue with adjust\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S117	16	deadlock with ports and queue and graphs	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S118	13	S117 not S113 not S116	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S119	13	("20030023656"   "20030069920"   "20040025164"   "20050028157"   "5524247"   "5590335"   "6173308"   "6593940"   "6598068"   "6622155"   "6711739"   "6715146"   "6721775").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 15:38
S120	18	deadlock same ports and queue and graphs and token	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

S121	15	S120 not S117	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S122	5	deadlock near2 detect \$3 same queue same wait adj graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S123	1	build\$3 near3 graph same deadlock same ports	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S124	1	build\$3 near3 graph same deadlock and ports with queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S125	1	build\$3 near3 graph same deadlock and ports with block	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S126	12	build\$3 near3 graph same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S127	4	build\$3 near3 graph same deadlock and (ports dataflow)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S128	5	build\$3 near3 graph same deadlock and channel	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S129	97464	ports with block\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S130	183	ports with block\$3 with token	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S131	4	ports with block\$3 with token same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S132	283	dataflow adj graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

S133	18	dataflow adj graph same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S134	3114	data near2 ports with (clog\$3 block\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S135	3	data near2 ports with (clog\$3 block\$3) same deadlock same queue	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S136	8	data adj ports same deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S137	4	deadlock near2 detect \$3 same ports with monitor\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S138	176	dataflow with ports	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S139	48	dataflow with ports and deadlock	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S142	25	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S143	10	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with (wait adj2 graph)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S144	1	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with (wait adj2 graph) and cyclic	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S145	6	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with (wait adj2 graph) and itself	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

S146	0	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with (wait adj2 graph) and self near2 wait\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S147	2	"7124405"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S148	3	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with graph same threads	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S149	15	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with graph and threads	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S150	0	deadlock near2 detect \$3 with threads same (build\$3 establish\$3 creat\$3) with graph	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S151	5350504	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with graph ( process task threads)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38
S152	25	deadlock near2 detect \$3 same (build\$3 establish\$3 creat\$3) with graph and ( process task threads)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/02/03 15:38

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	22	deadlock same wait adj graph	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 09:51
L5	10	deadlock near2 detect\$3 same (build \$3 establish\$3 creat \$3) with (wait adj2 graph)	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 10:47
L6	1	dataflow with ports and deadlock	UPAD	OR	ON	2010/02/11 11:40
L7	48	dataflow with ports and deadlock	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:40
L8	891	710/200.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:40

L9	0	7 and 8	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:40
L10	4984	370/229-230.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:40
L11	0	7 and 10	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:48
L12	34	dataflow same deadlock	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:50
L13	0	12 and 10	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:50
L14	935	flow adj control with ports and congestion	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:50
L15	162	14 and 10	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:51
L16	267	flow adj control with ports same congestion	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:51
L17	73	16 and 10	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:51
L18	8	16 and 10 and (expand\$3 increas \$3) with queue	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 11:52
L19	1534	709/234-235.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 12:08
L20	1	16 and 19 and (expand\$3 increas \$3) with queue	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 12:08
L21	1	dataflow same deadlock and 718/102.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 12:09
L22	2	dataflow same deadlock and 718/106.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/02/11 12:10

2/11/2010 12:40:54 PM

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